

POWER UNIT

HP 50-ION POWER UNIT

HP Power Units supply the energy to run the latest high performance static eliminators from Fraser.

The HP50-Ion offers the added benefit of an Iontis performance monitoring system which give the user live information on the status and efficiency of the system.

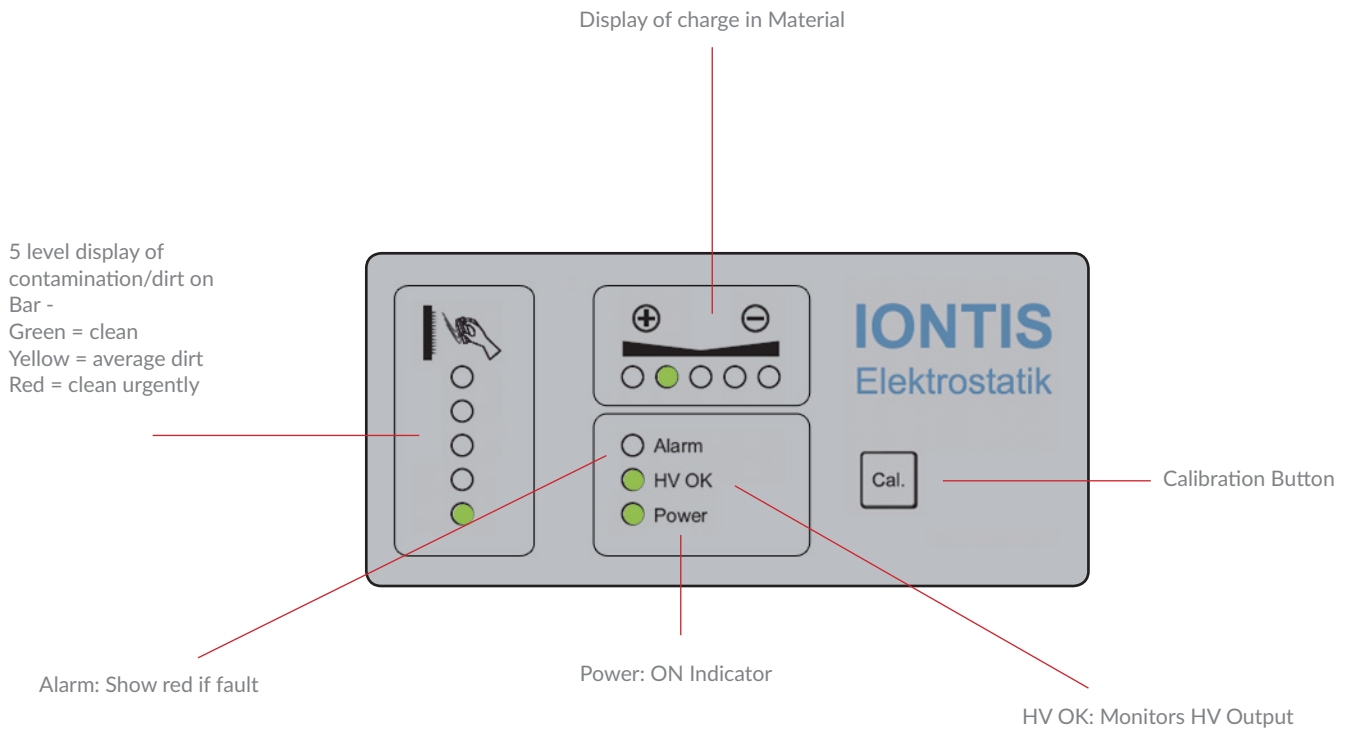
- > The HP50-Ion produces high voltage, low current in a controlled and safe way to provide the power for Fraser AC High Performance static eliminators working on 5.5 kV.
- > The HP50-Ion can power up to four static eliminators.
- > Performance Monitoring displayed on Power Unit:
 - a) LED display to show condition of Bars and whether they need to be cleaned.
 - b) LED display to show charge in material.
 - c) Power ON indicator.
 - d) High voltage OK indicator.
 - e) Alarm, if there is fault.
- > Remote monitoring option providing 24 V logic-level signals to show:
 - a) Power ON
 - b) HV Fault
 - c) 2 level condition of Bars:
Dirt Warning - Clean soon
Dirt Alarm - Clean immediately.
- > Construction IP54 rated.



Specification

- Construction:** Powder coated steel case. Transformer with fully encapsulated windings.
- Input:** 115 V or 230 V, 50 or 60 Hz. Please specify frequency (Hz) as well as input voltage.
3 m mains cable is supplied (longer can be specified).
- Output:** 6 kV with maximum peak voltage of 7.75 kV.
Secondary current limited to 5 mA.
- Maximum Load:** 30 m of combined Bar and HT cable.
- Environment:** 50° C maximum temperature. 70% RH non-condensing max. Location should be dry and oil free.
- Safety:** The design is current limited to 5 mA. If more than 5 mA current is drawn the transformer is designed to shut down. Power will restart when the excessive load or fault is removed.

Control Panel:



Dimensions:

